DOCUMENT RESUME

ED 281 855 TM 870 233

AUTHOR Brooks, Margaret G.
TITLE Achievement Testing Program of the Atlanta Public Schools, 1986. Report No. 4, Vol. 21, 2/87.
INSTITUTION Atlanta Public Schools, GA. Div. of Curriculum and Research Services.
PUB DATE 9 Feb 87
NOTE 147p.; For 1980, 1981, and 1983 data, see ED 236 178 and ED 221 591-592, respectively.
PUB TYPE Reports - Research/Technical (143) -- Statistical Data (110)

EDRS PRICE MF01/PC06 Plus Postage.
DESCRIPTORS *Academic Achievement; *Achievement Tests; Elementary Secondary Education; *Local Norms; Mathematics Achievement; National Norms; *Norm Referenced Tests; Reading Achievement; School Districts; Scores; *Testing Programs; Test Results; Test Selection
IDENTIFIERS *Atlanta Public Schools GA; California Achievement Tests; Iowa Tests of Basic Skills; Tests of Achievement and Proficiency

ABSTRACT

Results are presented for the 1985-86 administration of achievement tests in the Atlanta (Georgia) Public Schools. The following norm-referenced, standardized tests were administered: California Achievement Tests (CAT) in kindergarten; Iowa Tests of Basic Skills (ITBS) in grades 1 to 8; and Tests of Achievement and Proficiency (TAP) in grades 9 to 11. Results indicated that performance continued to be high from kindergarten through grade 2. The lowest performance was in grade 8, with performance rising from grades 9 to 11. Mathematics scores were higher than reading scores in grades 1 to 6, while reading scores were higher in grades 7 to 11. Overall, 36 percent of the Atlanta students in grades 1 through 11 scored at or above the national norm in reading, and 42 percent scored at or above the national norm in mathematics. It was recommended that further instructional emphasis be placed on language usage, reading comprehension, and mathematics problem-solving skills. (The bulk of this document consists of data tables presenting mean normal curve equivalent scores for each school, as well as percent scoring at or above the national norm.) (GDC)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED281855

1986 ACHIEVEMENT TESTING PROGRAM OF THE ATLANTA PUBLIC SCHOOLS

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

M. G Brooks

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

☒ This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

DIVISION OF CURRICULUM AND RESEARCH SERVICES

ATLANTA PUBLIC SCHOOLS

ATLANTA, GEORGIA 30335

Report No. 4, Vol. 21, 2/87

BEST COPY AVAILABLE

1986 ACHIEVEMENT TESTING PROGRAM OF THE ATLANTA PUBLIC SCHOOLS

Prepared by

Margaret G. Brooks
Research Associate

Dr. Myrtice M. Taylor
Assistant Superintendent
Division of Curriculum and Research Services

Dr. J. Y. Moreland
Associate Superintendent
Educational Operations

Dr. Alonzo A. Crim
Superintendent

Atlanta Public Schools
210 Pryor Street, S. W.
Atlanta, Georgia 30335

February 9, 1987

BOARD OF EDUCATION OF THE

CITY OF ATLANTA

	Educational District
Mrs. Carolyn Crowder	1
Rev. Preston W. Williams	2
Mr. Joseph G. Martin, Jr.	3
Mr. Richard E. Raymer, President	4
Dr. D. F. Glover	5
Mr. Robert Waymer	6
Mrs. June Cofer	At Large
Mrs. Ina Evans	At Large
Mrs. Carolyn Yancey	At Large

TABLE OF CONTENTS

	Page
INTRODUCTION	1
DESCRIPTION OF THE TESTS	1
California Achievement Tests	1
Iowa Tests of Basic Skills	2
Tests of Achievement and Proficiency	3
EVALUATION	4
Kindergarten	4
Grades 1 through 8	8
Grades 9 through 11	10
Overall Performance of Students in Grades 1 through 11	12
CONCLUSIONS	14
RECOMMENDATIONS	14

LIST OF TABLES

Number		Page
1	The Subtests of the Iowa Tests of Basic Skills	2
2	The Subtests of the Tests of Achievement and Proficiency	3
3	California Achievement Tests, Level 10, Scores of the Kindergarten Pupils of the Atlanta Public Schools	5
4	Atlanta Public Schools Kindergarten California Achievement Tests Scores, Spring 1986	6
5	Systemwide Summary for Grades 1-8 ITBS Levels 7-14	9
6	Systemwide Summary for Grades 9-11 TAP Levels 15-17	11
7	The Normal Curve Equivalent Scores and the Percentage of Atlanta Public Schools Pupils Scoring At or Above Grade Level on the Iowa Tests of Basic Skills/Tests of Achievement and Proficiency	13

INTRODUCTION

The Atlanta Public Schools initiated a four-year plan of improvement beginning with the 1985-86 school year. The plan stated that a standardized, norm-referenced test would be administered annually to pupils in grades K through 11. Specifically, the 1985 edition of the California Achievement Tests (CAT) was selected for use with pupils in grades K through 11 for four reasons: (1) the tests most nearly matched the curriculum of the Atlanta Public Schools, (2) the tests were designed for pupils in grades K through 12, (3) the scores on the new edition could be equated to scores on the 1978 edition of the CAT, which had been used from 1981 to 1985, and (4) CTB-McGraw Hill, the publisher of the CAT, offered technical assistance at no charge to aid in updating the existing CAT computer scoring program owned by the Atlanta Public Schools.

During the summer of 1985, a decision was made by the Georgia Department of Education to require that standardized, norm-referenced tests be administered to public-school students as follows:

Kindergarten	-	California Achievement Tests (CAT), Form E, Level 10
Grade 2	-	Iowa Tests of Basic Skills (ITBS), Form G, Level 8
Grade 4	-	ITBS, Form G, Level 10
Grade 7	-	ITBS, Form G, Level 13
Grade 9	-	Tests of Achievement and Proficiency (TAP), Form G, Level 15

In order to provide longitudinal test results across grade levels and to avoid duplicate testing, the local decision was made to administer the ITBS, Form G, to pupils in grades 1, 3, 5, 6, and 8 and to administer the TAP, Form G, to pupils in grades 10 and 11 at the same time the pupils in the state-required grade levels were tested. Since the Georgia Testing Program allowed no out-of-level testing for students in the regular school program, the option was eliminated from the local testing plan.

Scoring services were provided through the Georgia Department of Education for grades K, 2, 4, 7, and 9. The Data Processing Division of the Atlanta Public Schools scored the tests for grades 1, 3, 5, 6, 8, 10, and 11.

DESCRIPTION OF THE TESTS

California Achievement Tests

The California Achievement Tests (CAT), Form E, Level 10, is designed for kindergarten pupils. The grade range is K.0 to K.9. The six tests of the CAT, Form E, Level 10, assess three skill areas: reading, language, and mathematics. The six tests are as follows:

Test 1	Visual Recognition	Test 4	Reading Comprehension
Test 2	Sound Recognition	Test 5	Language Expression
Test 3	Reading Vocabulary	Test 6	Mathematics Concepts and Applications

Iowa Tests of Basic Skills

There are nine major skill areas included in the Iowa Tests of Basic Skills (ITBS), Form G. They are listening, word analysis, vocabulary, reading comprehension, language skills, work-study skills, mathematics, science, and social studies. Listening and word analysis are included at levels 7 and 8 only. Science and social studies tests are included in levels 8 through 14. Table 1 includes the subtests of the ITBS listed by test level.

TABLE 1

THE SUBTESTS OF THE IOWA TESTS OF BASIC SKILLS
LEVELS 7-14

		ITBS Levels							
		7	8	9	10	11	12	13	14
Li:	Listening	*	*						
WA:	Word Analysis	*	*						
V:	Vocabulary	*	*						
R:	Reading Comprehension			*	*	*	*	*	*
	R1: Pictures	*	*						
	R2: Sentences	*	*						
	R3: Stories	*	*						
L:	Language Skills								
	L-1: Spelling	*	*	*	*	*	*	*	*
	L-2: Capitalization	*	*	*	*	*	*	*	*
	L-3: Punctuation	*	*	*	*	*	*	*	*
	L-4: Usage and Expression	*	*	*	*	*	*	*	*
W:	Work-Study Skills	*	*	*	*	*	*	*	*
	W-1: Visual Materials	*	*	*	*	*	*	*	*
	W-2: Reference Materials	*	*	*	*	*	*	*	*
M:	Mathematics Skills								
	M-1: Mathematics Concepts	*	*	*	*	*	*	*	*
	M-2: Mathematics Problems	*	*	*	*	*	*	*	*
	M-3: Mathematics Computation	*	*	*	*	*	*	*	*
	Social Studies		*	*	*	*	*	*	*
	Science		*	*	*	*	*	*	*

NOTE: Social Studies and Science are available for levels 8-14 of the ITBS, but they are administered in APS at grades 2, 4, and 7 only.

There are two composite scores available for the ITBS. The complete composite score is calculated from the scores on all the subtests with the exception of the Science and Social Studies subtests. The basic composite score is determined on the basis of scores on the following subtests:

Levels 7 and 8 (Grades 1 and 2):

Vocabulary, Word Analysis, Reading Comprehension, Spelling, Mathematics Concepts, Mathematics Problem Solving, and Mathematics Computation

Levels 9-14 (Grades 3 through 8):

Vocabulary, Reading Comprehension, Spelling, Mathematics Concepts, Mathematics Problem Solving, and Mathematics Computation

Tests of Achievement and Proficiency

The Tests of Achievement and Proficiency (TAP), Form G, is designed for students in grades 9 through 12. Levels 15 through 17 are administered to Atlanta Public Schools students in grades 9 through 11, respectively.

The six subtests included on the TAP are listed in Table 2.

TABLE 2

THE SUBTESTS OF THE TESTS OF ACHIEVEMENT AND PROFICIENCY

	TAP Levels			
	15	16	17	18
Reading Comprehension	*	*	*	*
Mathematics	*	*	*	*
Written Expression	*	*	*	*
Using Sources of Information	*	*	*	*
Social Studies	*	*	*	*
Science	*	*	*	*

Note: Although the Science and Social Studies subtests are available, they are administered at grade 9 only in the Atlanta Public Schools.

There are two composite scores available for the TAP. The basic composite score is derived from the scores on the Reading Comprehension, Mathematics, Written Expression, and Using Sources of Information subtests. The complete composite score is obtained from the scores on these subtests plus the scores on the Social Studies and Science subtests.

EVALUATION

Since the 1985 editions of the California Achievement Tests, the Iowa Tests of Basic Skills, and the Tests of Achievement and Proficiency were administered to pupils in the Atlanta Public Schools for the first time in April of 1986, achievement gains could not be assessed. Rather, the scores by grade level were used to establish a baseline against which the progress of pupils from 1986 through 1989 can be measured.

Kindergarten

The median performance of the kindergarten pupils of the Atlanta Public Schools exceeded the median performance of kindergarten pupils nationally on reading, mathematics, visual recognition, and sound recognition. Language expression was the only skill area on which the Atlanta kindergarten pupils had a median score below the national norm.

With the exception of the test of language expression, more than 50 percent of the Atlanta kindergarten scored above the national norm on the tests of the CAT. Fifty-eight percent of the Atlanta kindergarten pupils scored above the national norm on reading, and 76 percent scored above the national norm on mathematics. The CAT scores are listed in Table 3.

The CAT reading and mathematics scores for the kindergarten pupils are listed alphabetically by school in Table 4.

TABLE 3

CALIFORNIA ACHIEVEMENT TESTS, LEVEL 10
SCORES OF THE KINDERGARTEN PUPILS OF THE ATLANTA PUBLIC SCHOOLS
APRIL 1986

Number of pupils tested = 6,156

	Reading Vocabulary	Reading Comprehension	Reading Total	Language Expression	Mathematics Concepts and Application	Visual Recognition	Sound Recognition
Scale Score Mean	526	518	523	520	522	517	529
Median	537	510	531	514	520	533	536
Median National Percentile	58	64	61	41	77	74	80
Percent of Pupils Scoring Above the National Norm	52	60	58	43	76	80	76

TABLE 4

ATLANTA PUBLIC SCHOOLS
KINDERGARTEN CALIFORNIA ACHIEVEMENT TESTS SCORES
SPRING 1986

	N	Median National Percentile		Percentage of Pupils Scoring Above the National Norm	
		Reading	Math	Reading	Math
Adamsville	96	43.3	69.4	42.5	73.7
Anderson Park	59	95.1	94.2	91.6	91.6
Arkwright	36	66.5	62.6	61.1	61.1
Beecher Hills	52	50.0	82.0	47.1	86.3
Ben Hill	51	80.9	94.1	86.3	94.2
Benteen	47	54.0	63.0	53.1	70.2
Bethune	92	30.3	56.6	34.6	60.5
Blair Village	53	70.2	70.6	66.1	66.1
Blalock	82	20.0	48.7	26.9	52.6
Boyd	66	48.0	63.8	43.0	72.7
Brandon	71	70.1	91.5	69.1	95.7
Brewer	31	30.0	72.5	25.9	80.7
Burgess	48	66.1	90.0	60.4	81.3
Campbell	99	56.0	80.2	54.6	70.7
Capitol View	77	61.0	77.7	59.8	75.3
Carey	81	54.0	72.9	53.1	74.1
Carter	86	64.0	72.3	62.8	77.7
Cascade	44	86.1	94.1	79.5	95.5
Chattahoochee	28	42.4	86.4	38.5	92.3
Cleveland	111	43.3	61.9	44.1	66.6
Collier Heights	88	53.0	74.1	52.9	78.1
Connally	97	61.6	77.2	62.9	79.4
Continental Colony	91	60.5	75.9	59.4	79.1
Cook	91	43.3	69.0	41.1	63.3
Dobbs	42	24.0	63.5	28.6	66.7
Drew	138	35.1	52.0	26.8	55.5
Dunbar	120	63.3	76.2	61.3	74.8
East Lake	70	40.8	69.0	34.3	70.0
English	98	62.0	78.3	58.1	85.6
Fain	55	26.0	78.6	18.6	79.6

TABLE 4 CONTINUED

	N	Median National Percentile		Percentage of Pupils Scoring Above the National Norm	
		Reading	Math	Reading	Math
Fickett	75	81.9	95.5	86.7	100.0
Fowler	67	79.0	85.7	70.1	86.4
Garden Hills	77	52.8	79.7	51.4	81.6
Gideons	111	71.4	76.4	67.5	74.8
Gordon	76	35.6	49.9	36.9	52.7
Grove Park	82	31.5	55.9	26.8	39.8
Guice	60	71.7	86.6	68.3	83.3
Harris	46	35.0	32.9	28.3	39.2
Harwell	84	43.5	64.4	30.2	47.9
Herndon	71	68.7	69.9	73.9	80.0
Hill	95	33.5	46.7	31.6	49.4
Home Park	31	56.0	94.1	58.0	96.8
Hope	84	68.0	80.7	72.6	77.4
Howell	94	69.1	71.0	63.8	74.5
Hubert	66	80.6	78.6	74.2	87.9
Humphries	65	80.2	94.3	66.1	69.3
Hutchinson	54	71.6	78.8	72.2	75.9
Jackson	48	81.3	94.0	75.0	95.8
Jones, M.A.	82	93.0	94.3	86.6	86.6
Kimberly	104	69.8	75.8	67.3	78.8
Kirkwood	76	65.4	72.7	56.6	75.0
Lakewood	55	78.0	83.9	69.1	87.0
Lin	41	45.5	77.0	42.5	70.0
McGill	80	62.8	81.1	67.5	87.3
Miles	50	86.4	85.0	80.0	82.0
Mitchell	62	48.0	69.5	42.0	70.0
Morningside	82	79.5	83.6	76.8	79.0
Oglethorpe	86	65.7	81.0	66.2	77.9
Perkerson	62	33.7	31.9	29.5	33.9
Peterson	60	75.3	87.4	81.7	88.3
Peyton Forest	67	61.6	86.2	65.6	92.6
Pitts	146	69.6	82.0	70.4	82.7
Ragsdale	61	71.3	85.4	78.7	85.2
Rivers	62	71.6	84.9	69.4	87.1
Rusk	78	79.0	84.6	76.9	85.9

TABLE 4 CONTINUED

	N	Median National Percentile		Percentage of Pupils Scoring Above the National Norm	
		Reading	Math	Reading	Math
Scott	80	42.7	74.0	42.5	69.6
Slater	89	62.7	79.9	62.9	85.4
Slaton	76	30.8	56.0	27.4	59.2
Smith	52	93.5	88.6	86.5	94.3
Stanton, D.H.	136	71.5	83.2	74.0	85.9
Stanton, F.L.	60	95.6	92.1	100.0	96.7
Sylvan Hills	60	60.5	82.4	55.0	76.6
Thomasville	83	88.6	82.4	79.5	75.9
Toomer	66	37.5	51.3	39.4	52.3
Towns	55	83.7	86.2	80.0	92.7
Venetian	93	60.2	60.7	59.8	63.4
Waters	93	28.7	49.5	23.9	52.2
West Atlanta	38	79.3	87.1	81.1	78.4
West	34	42.5	41.5	29.4	47.1
West Manor	34	75.4	77.3	64.7	79.4
White	64	56.0	78.3	43.1	75.4
Whitefoord	99	56.0	72.9	56.1	74.5
Williams	97	48.0	74.4	42.3	80.0
Woodson	66	60.4	70.0	62.1	73.9
Wright	41	97.2	95.7	97.5	97.5
Total APS Kindergarten	6,156	60.6	76.4	57.8	75.6

Grades 1 through 8

Pupils in grades 1 through 8 were administered the Iowa Tests of Basic Skills (ITBS), Form G. The scores are reported by grade level in Table 5.

The first grade pupils achieved ITBS scores which exceeded the national norm on listening; vocabulary; the language skills of spelling, capitalization, punctuation, and language usage; the work/study skills, including visual materials and reference materials; and the mathematics skills of concepts, problem solving, and computation. The only subtests on which the first grade pupils scored below the national norm were Word Analysis and Reading. On these two subtests, the first graders achieved percentile scores of 47 and 45, respectively.

TABLE 5

SYSTEMWIDE SUMMARY FOR GRADES 1-8
ITBS LEVELS 7-14

Grade	ITBS Level	N Tested		Language Skills									Work/Study			Math Skills				Composite		Social Studies	Science
				LI	Word Anal	Voc	Read	Spel	Cap	Punc	Usg	Lang Tot	Vis Mat	Ref	W/S Tot	Conc	Prob	Comp	Math Tot	Basic	Complete		
1	7	6,361	GE	1.9	1.8	1.9	1.7	2.0	2.1	2.1	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.1	2.0	1.9	1.9		
			SS	82	78	82	75	80	81	79	80	0	81	80	0	78	83	84	0	0	0		
			NP	53	47	55	45	59	63	62	53	61	58	54	53	55	58	65	59	54	52		
2	8	5,437	GE	3.1	3.1	3.2	2.8	3.3	3.2	3.4	3.2	3.3	3.1	3.0	3.1	3.2	3.1	3.2	3.2	3.1	3.1	3.8	2.7
			SS	98	97	99	92	99	98	100	98	99	97	97	97	99	99	101	99	97	98	103	89
			NP	64	59	67	54	67	64	68	58	66	61	61	63	69	66	74	72	66	66	71	52
3	9	4,956	GE			3.6	3.5	4.0	4.2	4.5	3.8	4.1	3.5	3.7	3.6	3.8	3.5	3.8	3.6	3.7	3.7		
			SS			104	103	109	112	116	106	0	103	106	0	107	103	108	0	0	0		
			NP			42	41	55	59	62	47	56	40	47	44	47	41	51	43	46	46		
4	10	4,789	GE			4.5	4.4	4.9	4.9	5.1	4.4	4.8	4.4	4.6	4.5	4.7	4.3	4.8	4.6	4.6	4.6	4.7	4.8
			SS			116	115	121	121	123	115	120	114	117	116	119	114	120	118	117	117	117	120
			NP			45	42	57	54	56	43	52	42	48	46	50	39	53	47	48	46	50	53
5	11	4,457	GE			5.4	5.4	6.0	6.0	6.1	5.5	5.9	5.4	5.6	5.5	5.9	5.3	6.0	5.7	5.6	5.5		
			SS			126	127	134	134	135	128	0	127	129	0	133	126	134	0	0	0		
			NP			39	41	55	53	53	44	51	40	46	44	50	38	57	47	45	43		
6	12	3,647	GE			6.1	6.4	7.0	6.7	6.7	6.3	6.6	6.3	6.6	6.4	6.8	6.2	6.9	6.6	6.5	6.4		
			SS			135	139	146	143	142	137	0	137	141	0	144	137	145	0	0	0		
			NP			35	42	55	48	46	41	45	39	46	42	47	37	52	44	43	41		
7	13	4,755	GE			6.7	6.9	7.4	7.1	7.1	6.9	7.1	6.6	7.2	6.9	7.1	6.6	7.2	7.0	7.0	6.9	7.0	7.0
			SS			143	145	151	147	148	145	148	141	149	145	147	141	150	146	146	145	145	145
			NP			32	36	45	40	41	39	41	31	43	37	36	28	37	34	36	35	38	42
8	14	4,002	GE			7.0	7.2	7.7	7.3	7.7	7.4	7.5	7.1	7.8	7.4	7.6	7.0	7.4	7.3	7.3	7.3		
			SS			146	148	155	149	155	150	0	147	156	0	152	146	152	0	0	0		
			NP			20	25	35	30	34	32	32	24	35	28	26	21	21	22	23	24		

In comparing performance by grade level within the Atlanta Public Schools, the second grade pupils achieved the highest average scores on the ITBS. Their average performance far exceeded the national norm on all skill areas tested, including science and social studies. The median percentile scores ranged from a low of 54 on reading to a high of 74 on mathematics computation.

At the third grade level, the pupils had average scores above the national norm on spelling, capitalization, punctuation, and mathematics computation. The pupils performed within the median percentile range of 40 to 47 on vocabulary, reading, language usage, work/study skills, and mathematics concepts and problem solving.

At the fourth and fifth grade levels, the average performance of the pupils was above the national norm on spelling, capitalization, punctuation, and mathematics concepts and computation. In addition, the fourth grade pupils were administered the ITBS subtests of science and social studies, and they achieved median percentile scores of 53 and 50, respectively. The fourth and fifth grade pupils performed within the median percentile range of 38 to 48 on the ITBS vocabulary, reading, language usage, work/study skills, and mathematics problem solving.

The sixth grade pupils demonstrated average performance above the national norm on two ITBS subtests — Spelling and Mathematics Computation. The pupils scored in the median percentile range of 35 to 48 on the remaining subtests — Vocabulary, Reading, Capitalization, Punctuation, Language Usage, Work/Study Skills, Mathematics Concepts, and Mathematics Problem Solving.

The average ITBS subtest scores of the seventh and eighth grade pupils were below the national norm on all subtests.

In reviewing the ITBS grade equivalent scores in reading for grades 1 through 8, the average grade level performance of the Atlanta pupils was compared with the national norm. The first grade pupils scored one month below the national norm in reading, and the second grade pupils scored at the national norm in reading. The pupils in the remaining grades 3 through 8 scored below the national norm in reading by the following grade equivalent amounts: grade 3, 3 months; grades 4 through 6, 4 months; grade 7, 9 months; and grade 8, 1.5 years.

In terms of average grade equivalent scores, pupils in grades 1 through 6 scored at or above the national norm on both mathematics concepts and mathematics computation. After grade 2, the weak area was mathematics problem solving. The pupils in grades 3 through 6 scored from 3 to 6 months below the national norm on mathematics problem solving.

After the sixth grade, there was a marked drop in the average mathematics performance. Overall, the drop in terms of grade equivalent scores was 8 months below grade level for the seventh grade pupils and 1.5 years below grade level for the eighth grade.

Grades 9 through 11

The students in grades 9 through 11 were administered the Tests of Achievement and Proficiency (TAP) in the spring of 1986. The average TAP scores are reported by grade level in Table 6.

TABLE 6

SYSTEMWIDE SUMMARY FOR GRADES 9-11
TAP LEVELS 15-17

Grade	TAP Level	N Tested		Reading Comprehension	Math	Written Expression	Using Sources of Info	Basic Composite	Social Studies	Science	Complete Composite
9	15	5786	GE	8.4	8.4	8.6	8.6	8.5	8.5	8.1	8.5
			SS	157	157	158	160	159	161	156	159
			NP	29	25	33	30	29	29	24	29
10	16	4237	GE	9.6	9.5	9.7	9.7	9.3			
			SS	168	165	168	170	167			
			NP	32	29	36	32	31			
11	17	3717	GE	10.3	10.1	10.3	10.3	10.0			
			SS	173	170	174	175	173			
			NP	32	30	37	31	32			

There are four subtests on the basic TAP. They are Reading Comprehension, Mathematics, Written Expression, and Using Sources of Information. The complete TAP includes two additional subtests — Science and Social Studies. Students at grade 9 were required by the Georgia Department of Education to take the complete TAP. Students at grades 10 and 11 were administered the basic TAP.

The trend of lower test performance with each consecutive grade level was reversed at the high school level. The lowest performance was demonstrated by the ninth grade students. While tenth and eleventh grade scores did not vary more than 1 percentile point, they were consistently higher than the scores achieved by the ninth grade students.

Another difference in the high school TAP scores compared with the scores on the norm-referenced tests administered in previous years was in the relationship of the reading and mathematics scores. Previously, mathematics scores were consistently higher than reading scores. On the TAP in 1986, at each grade level 9 through 11, the reading comprehension scores exceeded the mathematics scores. In fact, the mathematics scores were the lowest of the four basic subtests of the TAP. The scores on the Written Expression subtest were the highest.

In terms of grade equivalent scores on the TAP, the average performance of the Atlanta high school students ranged from 1 to 2 years below grade level.

Overall Performance of Students in Grades 1 through 11

When the overall ITBS/TAP performance of the Atlanta Public Schools students in grades 1 through 11 was reviewed, certain patterns emerged. (The mean norm curve equivalent (NCE) scores and the percentage of students scoring at or above the national norm in reading, mathematics, and test composite are indicated in Table 7.) Rather than the pattern of previous years in which the highest percentage of students scoring at or above the national norm in reading and mathematics occurred at the first grade and declined consistently with each consecutive grade level, there were peaks. The highest percentage of pupils scoring at or above the national norm in both reading and mathematics occurred at the second grade level. Another peak occurred at the sixth grade level. The lowest percentages of pupils scoring at or above the national norm on both reading and mathematics was at the eighth grade level, followed by a steady rise which peaked at grade 11.

For grades 1 through 6, mathematics performance was higher than reading performance. For grades 7 through 11, the trend reversed and reading performance exceeded the performance in mathematics.

Overall, there were 36 percent of the students in grades 1 through 11 who scored at or above the national norm in reading, and 42 percent who scored at or above the national norm in mathematics.

The percentage of pupils scoring at or above the national norm in reading and mathematics and the mean NCE scores are listed alphabetically by school in the Appendix.

TABLE 7

THE NORMAL CURVE EQUIVALENT SCORES AND THE PERCENTAGE OF ATLANTA PUBLIC SCHOOLS PUPILS SCORING AT OR ABOVE GRADE LEVEL ON THE IOWA TESTS OF BASIC SKILLS/TESTS OF ACHIEVEMENT AND PROFICIENCY

APRIL 1986

Grade	Number of Student	NCE			% of Pupils Scoring At or Above National Norm		
		Read	Math	Composite	Read	Math	Composite
1	6,360	46	54	50	40	58	47
2	5,225	50	61	57	47	68	61
3	4,967	45	46	46	38	44	40
4	4,508	45	48	48	40	46	45
5	4,458	45	48	46	39	46	41
6	3,651	45	47	45	52	47	40
7	4,438	42	41	41	34	33	36
8	4,005	36	34	34	27	24	23
9	5,391	39	36	39	29	24	28
10	4,263	40	38	39	31	28	29
11	3,735	41	39	39	30	31	30
Totals							
1-5	25,518	46	52	47	41	53	49
6-8	12,094	41	40	33	34	34	40
9-11	13,389	40	38	29	30	27	29
1-11	51,001	43	45	44	36	42	39

CONCLUSIONS

During 1981 to 1985, the California Achievement Tests scores of the Atlanta pupils were compared to the national norms established in 1978. The 1986 spring testing was based on national norm comparisons established in 1985. Since achievement in the basic skill areas had risen nationally from 1978 to 1985 as a result of the "Back to Basics" movement in education, and since other school systems who made the change to the newly normed tests experienced drops in scores, the 1986 scores of the Atlanta pupils were expected.

The performance of the Atlanta pupils at the kindergarten level through grade 2 continued to be high, peaking at the second grade. The lowest performance was at the eighth grade level, with performance rising in grades 9 and 10 and peaking at grade 11.

In previous years, the mathematics performance of the Atlanta students has been higher on standardized, norm-referenced tests than the reading performance. While this was true in 1986 for grades 1 through 6, the pattern reversed with reading scores being higher than mathematics scores at grades 7 through 11.

At the elementary level, the highest scores were achieved in the language skills of spelling, capitalization, and punctuation and the mathematics skills of concepts and computation. In comparison, the scores were lower in the areas of vocabulary, reading, language usage, work/study skills, and mathematics problem solving.

At the high school level, the highest TAP scores were achieved on the Written Expression subtest, and the lowest scores were achieved on the Mathematics subtest.

Overall, there were 36 percent of the students in grades 1 through 11 who scored at or above the national norm in reading and 42 percent who scored at or above the national norm in mathematics.

RECOMMENDATIONS

Language usage, reading comprehension, and mathematics problem solving are skill areas in need of concentrated instructional emphasis at grade levels above grade 2. This fact is documented not only by 1986 scores on the Iowa Tests of Basic Skills but by scores on the Georgia Criterion-Referenced Tests as well.

The skills tested by the ITBS and TAP should be reviewed by the teachers and recognized when and where they are covered through the general instructional process. It is through this general instructional process of covering the grade level curriculum that pupils are best prepared for taking standardized tests.

APPENDIX

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

ADAMSVILLE ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	37	43							86	46						
02	72	99							73	82						
03	64	75							85	59						
04	45	67							67	54						
05	32	40							81	46						
06	21	33							63	43						
07	13	22							60	40						
TOTAL	284	55							515	53						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	51	59							86	52						
02	73	100							73	91						
03	42	51							83	47						
04	53	79							67	60						
05	33	41							81	46						
06	23	37							63	44						
07	11	18							60	36						
TOTAL	286	56							513	54						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	47	55							86	52						
02	72	100							72	96						
03	57	67							85	59						
04	53	80							66	60						
05	35	43							81	46						
06	15	24							63	43						
07	15	25							60	39						
TOTAL	294	57							513	57						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

ANDERSON PK ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	21	22							96	44						
02	24	42							57	49						
03	23	30							77	43						
04	17	47							36	48						
05	15	27							56	39						
06	17	47							36	46						
07	15	31							48	39						
TOTAL	132	33							406	44						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	61	64							96	58						
02	35	63							56	58						
03	33	43							77	48						
04	19	53							36	52						
05	21	38							56	44						
06	25	69							36	54						
07	21	44							48	45						
TOTAL	215	53							405	52						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	52	54							96	53						
02	26	49							53	54						
03	24	31							77	44						
04	20	56							36	52						
05	16	29							56	41						
06	22	61							36	49						
07	16	33							48	40						
TOTAL	176	44							402	48						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

ARCHER HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	6	6							103	27						
09	23	13							175	30						
10	11	11							104	32						
11	12	16							76	32						
TOTAL	52	11							458	30						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	10	10							103	25						
09	19	11							175	29						
10	10	10							104	31						
11	13	17							76	31						
TOTAL	52	11							458	29						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	6	6							105	22						
09	19	11							169	29						
10	13	13							104	31						
11	13	17							76	30						
TOTAL	51	11							454	28						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

ARKWRIGHT ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987	1988	1989			
GRADE	N	%	N	%	N	%	N	%	N	NCE	N NCE	N NCE	N NCE			
01	12	27							45	43						
02	14	29							49	45						
03	20	57							35	49						
04	13	39							33	46						
05	8	27							30	48						
06	10	29							35	39						
07	6	24							25	39						
TOTAL	83	33							252	44						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987	1988	1989			
GRADE	N	%	N	%	N	%	N	%	N	NCE	N NCE	N NCE	N NCE			
01	22	49							45	47						
02	28	57							49	53						
03	21	60							35	56						
04	18	55							33	52						
05	20	67							30	54						
06	21	60							35	50						
07	11	44							25	45						
TOTAL	141	56							252	51						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987	1988	1989			
GRADE	N	%	N	%	N	%	N	%	N	NCE	N NCE	N NCE	N NCE			
01	22	49							45	49						
02	21	43							49	48						
03	16	46							35	48						
04	18	55							33	50						
05	14	47							30	50						
06	13	37							35	42						
07	10	40							25	43						
TOTAL	114	45							252	48						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BASS HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	8	9							88	28						
10	7	9							79	26						
11	16	21							75	37						
TOTAL	31	13							242	30						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	7	8							89	27						
10	9	11							79	28						
11	14	19							75	33						
TOTAL	30	12							243	29						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	4	5							78	28						
10	6	8							79	26						
11	12	16							75	32						
TOTAL	22	9							232	29						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BEECHER HILLS ELEMENTARY

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	37	76							49	57						
02	36	72							50	61						
03	25	51							49	51						
04	34	58							59	52						
05	22	51							43	50						
TOTAL	154	62							250	54						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	37	76							49	60						
02	44	88							50	75						
03	30	61							49	53						
04	36	61							59	53						
05	21	49							43	51						
TOTAL	168	67							250	58						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	33	67							49	59						
02	44	88							50	74						
03	26	53							49	53						
04	34	58							59	52						
05	23	53							43	52						
TOTAL	160	64							250	58						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BEN HILL ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	22	59							37	58						
02	33	62							53	55						
03	22	46							48	48						
04	31	60							52	52						
05	17	47							36	47						
TOTAL	125	55							226	52						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	32	86							37	75						
02	41	77							53	65						
03	26	54							48	53						
04	20	40							50	46						
05	20	56							36	48						
TOTAL	139	62							224	57						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	30	81							37	72						
02	37	70							53	61						
03	26	54							48	52						
04	26	52							50	52						
05	21	58							36	50						
TOTAL	140	63							224	57						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BENTEEN ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	22	44							50	48						
02	19	45							42	46						
03	22	47							47	40						
04	9	28							32	43						
05	6	21							28	35						
TOTAL	78	39							199	43						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	25	50							50	51						
02	29	69							42	60						
03	13	28							47	35						
04	12	38							32	46						
05	7	25							28	39						
TOTAL	86	43							199	46						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	26	52							50	49						
02	21	50							42	55						
03	17	36							47	37						
04	6	19							32	42						
05	9	32							28	37						
TOTAL	79	40							199	45						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BETHUNE ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	44	58							76	49						
02	25	35							72	45						
03	12	15							79	35						
04	8	13							60	30						
05	27	36							75	42						
TOTAL	116	32							362	40						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	37	49							76	50						
02	45	63							71	57						
03	15	18							82	35						
04	8	13							61	30						
05	35	47							75	46						
TOTAL	140	38							365	44						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	39	51							76	48						
02	44	64							69	55						
03	16	20							82	36						
04	7	12							60	28						
05	31	41							75	43						
TOTAL	137	38							362	42						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BLAIR VILLAGE ELEMENTARY

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	6	8							76	32						
02	22	47							47	56						
03	16	43							37	46						
04	6	16							37	34						
05	6	18							33	35						
TOTAL	56	24							230	40						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	26	34							76	40						
02	39	83							47	71						
03	20	54							37	49						
04	5	14							37	37						
05	9	27							33	40						
TOTAL	99	43							230	47						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	12	16							76	36						
02	37	79							47	64						
03	15	41							37	46						
04	5	14							37	33						
05	4	12							33	35						
TOTAL	73	32							230	42						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BLALOCK ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	16	20							82	38						
02	21	33							64	41						
03	11	18							60	34						
04	14	27							51	37						
05	10	18							55	38						
06	14	33							42	44						
07	12	24							50	36						
TOTAL	98	24							404	38						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	52	63							82	54						
02	25	39							64	47						
03	20	33							60	39						
04	20	39							51	46						
05	21	38							55	47						
06	24	57							42	50						
07	7	14							50	30						
TOTAL	169	42							404	45						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	30	37							82	46						
02	20	31							64	42						
03	12	20							60	35						
04	19	37							51	43						
05	12	22							55	40						
06	10	24							42	41						
07	8	16							50	31						
TOTAL	111	27							404	40						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BOYD ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	21	28							75	40						
02	33	61							54	55						
03	8	20							41	38						
04	7	18							39	38						
05	3	8							36	34						
06	6	27							22	41						
07	5	15							34	33						
TOTAL	83	28							301	41						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	24	32							75	41						
02	40	74							54	63						
03	14	34							41	42						
04	16	42							38	46						
05	16	44							36	44						
06	8	36							22	43						
07	10	29							34	34						
TOTAL	128	43							300	45						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	21	28							75	41						
02	33	61							54	60						
03	6	15							41	36						
04	7	18							38	39						
05	8	22							36	40						
06	8	36							22	41						
07	6	18							34	31						
TOTAL	89	30							300	42						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BRANDON ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	68	85							80	67						
02	55	81							68	63						
03	43	70							61	59						
04	37	67							55	61						
05	29	59							49	52						
TOTAL	232	74							313	61						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	68	85							80	78						
02	60	90							67	74						
03	47	77							61	62						
04	34	63							54	60						
05	33	67							49	58						
TOTAL	242	78							311	68						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	70	88							80	73						
02	57	89							64	72						
03	45	74							61	62						
04	36	67							54	62						
05	30	61							49	56						
TOTAL	238	77							308	66						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BREWER ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	9	29							31	42						
02	5	23							22	34						
03	6	21							28	39						
04	12	44							27	45						
05	9	36							25	48						
06	9	38							24	47						
07	5	18							28	27						
TOTAL	55	30							185	40						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	11	35							31	41						
02	7	30							23	42						
03	10	36							28	40						
04	14	52							27	48						
05	12	48							25	49						
06	13	54							24	49						
07	8	30							27	34						
TOTAL	75	41							185	43						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	7	23							31	39						
02	4	18							22	30						
03	4	14							28	36						
04	16	59							27	52						
05	12	48							25	51						
06	11	46							24	49						
07	6	22							27	29						
TOTAL	60	33							184	41						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BROWN ACADEMY T

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
10	5	19							26	36						
11	2	15							13	28						
TOTAL	7	18							39	33						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
10	2	8							26	24						
11	1	8							13	25						
TOTAL	3	8							39	25						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
10	1	4							26	25						
11	1	8							13	21						
TOTAL	2	5							39	23						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BROWN HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	12	9							137	27						
09	49	25							199	35						
10	27	17							156	35						
11	20	15							131	35						
TOTAL	108	17							623	33						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	18	13							136	27						
09	28	14							198	32						
10	29	19							156	34						
11	28	21							131	35						
TOTAL	103	17							621	32						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	8	6							138	24						
09	35	18							194	34						
10	23	15							156	35						
11	17	13							131	34						
TOTAL	83	13							619	32						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BUNCHE MIDDLE SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	96	35							274	43						
07	123	39							313	43						
08	113	38							297	43						
TOTAL	332	38							884	43						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	130	47							275	47						
07	103	33							314	40						
08	87	29							298	39						
TOTAL	320	36							887	41						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	112	41							275	45						
07	124	40							313	42						
08	110	37							298	42						
TOTAL	346	39							886	43						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

BURGESS ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	10	22							46	36						
02	19	45							42	50						
03	4	14							29	41						
04	29	76							38	62						
05	5	17							29	38						
TOTAL	67	36							184	45						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	16	35							46	37						
02	28	67							42	64						
03	8	28							29	39						
04	22	58							38	55						
05	10	34							29	42						
TOTAL	84	46							184	48						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	7	15							46	33						
02	21	50							42	52						
03	5	17							29	37						
04	33	87							38	65						
05	10	34							29	44						
TOTAL	76	41							184	46						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

CAMPBELL ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	10	29							34	45						
02	7	17							41	38						
03	10	21							47	36						
04	3	8							40	32						
05	16	40							40	41						
06	11	34							32	38						
07	19	63							30	48						
TOTAL	76	29							264	39						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	23	68							34	55						
02	29	71							41	56						
03	13	28							47	38						
04	9	23							40	36						
05	15	38							40	46						
06	9	28							32	39						
07	6	21							29	41						
TOTAL	104	40							263	44						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	21	62							34	53						
02	17	41							41	46						
03	11	23							47	36						
04	6	15							39	33						
05	14	35							40	39						
06	9	28							32	35						
07	22	76							29	53						
TOTAL	100	38							262	42						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

CAPITOL VIEW ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	24	39							61	46						
02	19	33							58	42						
03	22	50							44	47						
04	25	50							50	50						
05	12	24							51	42						
TOTAL	102	39							264	45						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	54	89							61	67						
02	36	63							57	54						
03	19	43							44	45						
04	30	60							50	50						
05	19	37							51	44						
TOTAL	158	60							263	53						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	22	36							61	47						
02	28	49							57	48						
03	23	52							44	46						
04	31	62							50	52						
05	16	31							51	42						
TOTAL	120	46							263	47						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

CAREY ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	62	74							84	57						
02	36	55							66	56						
03	42	59							71	53						
04	16	40							40	48						
05	42	84							50	73						
06	18	35							51	42						
07	30	52							58	50						
TOTAL	246	59							420	54						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	60	71							84	58						
02	59	91							65	72						
03	54	76							71	59						
04	24	62							39	53						
05	36	72							50	63						
06	35	69							51	53						
07	17	29							58	39						
TOTAL	285	68							418	57						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	47	56							84	51						
02	57	88							65	70						
03	48	68							71	59						
04	18	46							39	51						
05	32	64							50	68						
06	15	29							51	45						
07	30	52							58	49						
TOTAL	247	59							418	56						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

CARTER ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	34	45							75	49						
02	14	30							46	46						
03	13	24							55	37						
04	11	24							46	39						
05	6	19							32	37						
TOTAL	78	31							254	43						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	60	80							75	67						
02	39	85							46	70						
03	18	32							56	37						
04	14	30							46	40						
05	9	28							32	39						
TOTAL	140	55							255	53						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	41	55							75	56						
02	32	70							46	56						
03	12	21							56	35						
04	7	15							46	39						
05	5	16							32	37						
TOTAL	97	38							255	46						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

CARVER COMPREHENSIVE HIGH

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	5	4							113	23						
09	15	8							197	28						
10	13	13							104	31						
11	13	11							115	30						
TOTAL	46	9							529	28						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	3	3							113	19						
09	18	9							197	30						
10	12	12							104	30						
11	21	18							115	33						
TOTAL	54	10							529	29						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	4	4							113	17						
09	16	8							192	28						
10	10	10							104	30						
11	10	9							115	30						
TOTAL	40	8							524	27						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

CASCADE ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	27	59							46	51						
02	30	65							46	55						
03	18	35							52	43						
04	17	37							46	45						
05	12	30							40	39						
TOTAL	104	45							230	47						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	29	63							46	58						
02	36	78							46	67						
03	16	31							52	44						
04	18	40							45	45						
05	11	28							40	38						
TOTAL	110	48							229	51						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	29	63							46	57						
02	33	73							45	64						
03	19	37							52	46						
04	23	51							45	50						
05	10	25							40	40						
TOTAL	114	50							228	51						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

CHATTAHOOCHEE ELEMENTARY

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	15	44							34	46						
02	8	50							16	45						
03	7	30							23	41						
04	4	19							21	38						
05	5	22							23	38						
06	12	57							21	50						
07	7	24							29	36						
TOTAL	58	35							167	42						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	27	79							34	64						
02	13	87							15	65						
03	12	52							23	54						
04	5	24							21	39						
05	10	43							23	43						
06	11	52							21	49						
07	8	28							29	37						
TOTAL	86	52							166	50						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	22	65							34	54						
02	13	87							15	64						
03	8	35							23	43						
04	5	24							21	40						
05	4	17							23	39						
06	12	57							21	47						
07	7	24							29	35						
TOTAL	71	43							166	45						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

CLEVELAND ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	59	57							104	53						
02	42	36							116	46						
03	51	56							91	53						
04	28	30							92	42						
05	73	76							96	58						
TOTAL	253	51							499	50						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	85	82							104	64						
02	70	61							114	57						
03	73	80							91	65						
04	45	49							91	49						
05	76	79							96	63						
TOTAL	349	70							496	60						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	73	70							104	60						
02	59	52							114	53						
03	56	62							91	57						
04	35	38							91	46						
05	84	88							96	67						
TOTAL	307	62							496	57						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

COAN MIDDLE SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	43	24							177	40						
07	60	26							235	39						
08	40	18							226	31						
TOTAL	143	22							638	36						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	58	33							178	40						
07	60	26							231	36						
08	33	15							225	28						
TOTAL	151	24							634	34						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	31	17							178	37						
07	61	27							226	36						
08	29	13							226	26						
TOTAL	121	19							630	33						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

COLLIER HEIGHTS ELEMENTARY

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	32	35							92	44						
02	49	66							74	55						
03	35	53							66	50						
04	28	36							78	44						
05	42	57							74	52						
06	42	63							67	55						
07	45	45							99	48						
TOTAL	273	50							550	49						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	43	47							92	47						
02	40	54							74	55						
03	35	53							66	50						
04	35	45							78	47						
05	31	42							74	48						
06	37	55							67	50						
07	34	34							99	45						
TOTAL	255	46							550	49						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	33	36							92	44						
02	41	55							74	56						
03	28	42							66	50						
04	35	45							78	46						
05	42	57							74	53						
06	36	54							67	52						
07	45	45							99	48						
TOTAL	260	47							550	50						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL, 1986

CONNALLY ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	60	59							101	53						
02	42	46							92	48						
03	49	53							92	48						
04	33	40							82	46						
05	27	27							100	36						
06	25	46							54	46						
07	25	36							69	42						
TOTAL	261	44							590	45						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	68	67							101	55						
02	80	88							91	72						
03	53	58							92	49						
04	41	50							82	50						
05	40	40							100	43						
06	31	57							54	52						
07	26	38							69	39						
TOTAL	339	58							589	52						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	66	65							101	58						
02	69	77							90	64						
03	54	59							92	51						
04	43	52							82	51						
05	37	37							100	41						
06	27	50							54	48						
07	29	42							69	40						
TOTAL	325	55							588	51						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

CONTINENTAL COLONY ELEMENTARY

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	57	48							120	47						
02	48	53							91	51						
03	60	59							102	54						
04	65	70							93	56						
05	38	43							89	44						
TOTAL	268	54							495	50						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	65	54							120	50						
02	44	48							91	53						
03	58	57							102	50						
04	47	51							93	49						
05	49	55							89	49						
TOTAL	263	53							495	50						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	51	43							120	47						
02	48	53							91	52						
03	64	63							102	55						
04	61	66							93	56						
05	45	51							89	48						
TOTAL	269	54							495	52						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

COOK ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	41	34							122	42						
02	24	29							82	42						
03	33	47							70	45						
04	12	23							52	38						
05	14	26							54	40						
TOTAL	124	33							380	42						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	47	39							122	44						
02	36	44							82	49						
03	25	36							70	40						
04	18	35							52	44						
05	21	39							54	46						
TOTAL	147	39							380	44						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	53	43							122	45						
02	25	31							81	43						
03	24	34							70	42						
04	13	25							52	41						
05	20	37							54	43						
TOTAL	135	36							379	43						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

DOBBS ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	25	46							54	53						
02	17	61							28	57						
03	9	16							56	36						
04	9	23							39	37						
05	10	19							52	39						
06	12	44							27	47						
07	14	39							36	44						
TOTAL	96	33							292	44						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	34	63							54	55						
02	25	89							28	74						
03	18	32							56	39						
04	10	26							38	41						
05	26	50							52	47						
06	14	52							27	49						
07	12	33							36	43						
TOTAL	139	48							291	48						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	28	52							54	51						
02	28	100							28	67						
03	9	16							56	36						
04	8	22							37	39						
05	15	29							52	42						
06	13	48							27	48						
07	17	47							36	44						
TOTAL	118	41							290	45						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

DOUGLASS HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	87	28							316	36						
09	254	44							583	46						
10	215	45							480	48						
11	155	40							389	46						
TOTAL	711	40							1,768	45						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	74	23							317	35						
09	223	38							584	45						
10	206	43							480	45						
11	168	43							389	45						
TOTAL	671	38							1,770	43						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	87	27							317	36						
09	256	44							581	47						
10	224	47							480	48						
11	166	43							389	46						
TOTAL	733	41							1,767	45						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

DOWNTOWN LRN CTR

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
11	1	8							13	26						
TOTAL	1	8							13	26						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
11	1	8							13	22						
TOTAL	1	8							13	22						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
11	1	8							13	18						
TOTAL	1	8							13	18						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

DREW ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	15	17							89	33						
02	43	52							82	53						
03	10	12							81	38						
04	21	28							75	41						
05	36	58							62	49						
06	16	59							27	50						
07	21	38							56	46						
TOTAL	162	34							472	43						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	41	46							89	50						
02	73	91							80	68						
03	7	9							81	33						
04	30	41							74	44						
05	34	55							62	49						
06	19	70							27	57						
07	13	24							55	39						
TOTAL	217	46							468	48						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	19	21							89	37						
02	63	82							77	64						
03	7	9							81	36						
04	20	27							74	42						
05	31	50							62	50						
06	17	63							27	54						
07	24	44							55	49						
TOTAL	181	39							465	46						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

DUNBAR ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	21	18							114	36						
02	36	37							97	48						
03	20	27							74	38						
04	32	50							64	52						
05	31	44							71	43						
TOTAL	140	33							420	43						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	57	50							114	49						
02	74	76							97	65						
03	24	33							73	38						
04	56	88							64	69						
05	34	48							71	45						
TOTAL	245	58							419	53						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	26	23							114	38						
02	70	74							95	60						
03	21	28							74	37						
04	43	67							64	61						
05	28	39							71	36						
TOTAL	188	45							418	46						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

EAST ATLANTA HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	5	6							79	22						
09	15	12							121	27						
10	7	8							85	26						
11	5	6							81	27						
TOTAL	32	9							366	25						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	4	5							80	20						
09	12	10							121	24						
10	6	7							85	22						
11	8	10							81	26						
TOTAL	30	8							367	23						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	4	5							80	19						
09	14	12							115	27						
10	6	7							85	24						
11	5	6							81	25						
TOTAL	29	8							361	24						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

EAST LAKE ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	29	32							91	48						
02	30	42							71	45						
03	36	55							66	49						
04	31	61							51	54						
05	44	86							51	63						
TOTAL	170	52							330	51						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	55	60							91	55						
02	55	77							71	62						
03	29	44							66	47						
04	42	82							51	61						
05	39	76							51	58						
TOTAL	220	67							330	56						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	43	47							91	51						
02	49	70							70	59						
03	41	62							66	51						
04	40	78							51	59						
05	46	90							51	62						
TOTAL	219	67							329	56						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

ENGLISH AVE. ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	12	15							79	34						
02	43	52							82	51						
03	39	62							63	52						
04	14	24							58	37						
05	8	15							53	34						
06	34	67							51	57						
TOTAL	150	39							386	44						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	31	39							79	44						
02	51	62							82	58						
03	37	59							63	49						
04	16	28							58	40						
05	9	17							53	34						
06	25	49							51	48						
TOTAL	169	44							386	46						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	19	24							79	39						
02	48	59							81	55						
03	45	71							63	54						
04	16	28							58	37						
05	8	15							53	33						
06	25	49							51	51						
TOTAL	161	42							385	45						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

FAIN ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	41	71							58	53						
02	21	32							65	44						
03	17	31							54	40						
04	15	33							46	45						
05	9	26							35	38						
06	20	51							39	50						
07	28	47							60	52						
TOTAL	151	42							357	46						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	40	69							58	55						
02	39	60							65	55						
03	27	50							54	47						
04	22	47							47	49						
05	17	49							35	43						
06	31	79							39	57						
07	30	50							60	54						
TOTAL	206	58							358	52						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	33	57							58	52						
02	41	63							65	57						
03	21	39							54	44						
04	14	30							46	46						
05	13	37							35	42						
06	20	51							39	50						
07	24	40							60	47						
TOTAL	166	46							357	49						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

FICKETT ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	44	65							68	59						
02	41	58							71	56						
03	33	44							75	46						
04	50	69							72	52						
05	26	39							67	43						
TOTAL	194	55							353	51						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	64	94							68	74						
02	59	86							69	67						
03	37	49							75	50						
04	46	64							72	53						
05	36	54							67	48						
TOTAL	242	69							351	58						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	61	90							68	74						
02	62	91							68	68						
03	44	59							75	52						
04	53	74							72	55						
05	26	39							67	42						
TOTAL	246	70							350	58						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

FOWLER ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	6	8							72	30						
02	9	15							59	32						
03	9	20							46	39						
04	5	16							31	40						
05	7	29							24	43						
TOTAL	36	16							232	35						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	25	35							72	41						
02	24	41							58	45						
03	13	28							46	40						
04	6	19							31	37						
05	8	33							24	43						
TOTAL	76	33							231	41						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	10	14							72	30						
02	12	21							58	35						
03	7	15							46	39						
04	6	19							31	37						
05	7	29							24	44						
TOTAL	42	18							231	35						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

FULTON HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	38	19							198	34						
09	78	24							324	36						
10	57	24							235	37						
11	46	22							207	37						
TOTAL	219	23							964	36						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	32	16							197	25						
09	61	19							323	35						
10	56	24							235	38						
11	50	24							207	37						
TOTAL	199	21							962	34						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	32	16							198	29						
09	61	19							318	35						
10	57	24							235	37						
11	40	19							207	34						
TOTAL	190	20							958	34						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

GARDEN HILLS ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	34	72							47	66						
02	37	71							52	61						
03	30	71							42	61						
04	34	57							60	55						
05	27	59							46	54						
TOTAL	162	66							247	59						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	39	83							47	70						
02	45	87							52	75						
03	34	81							42	67						
04	43	74							58	69						
05	29	63							46	56						
TOTAL	190	78							245	68						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	40	85							47	75						
02	42	82							51	70						
03	38	90							42	66						
04	40	69							58	63						
05	27	59							46	55						
TOTAL	187	77							244	66						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

GEORGE HIGH SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
09	89	28							316	39						
10	66	32							206	40						
11	35	20							179	37						
TOTAL	190	27							701	39						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
09	63	20							313	36						
10	45	22							206	36						
11	37	21							179	35						
TOTAL	145	21							698	36						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
09	74	24							305	38						
10	51	25							206	37						
11	35	20							179	34						
TOTAL	160	23							690	37						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL, 1986

GIDEONS ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	55	49							113	48						
02	58	66							88	60						
03	32	39							82	45						
04	56	68							82	57						
05	58	75							77	60						
TOTAL	259	59							442	54						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	93	82							113	66						
02	69	82							84	73						
03	59	72							82	58						
04	66	80							82	66						
05	50	65							77	56						
TOTAL	337	77							438	64						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	74	65							113	57						
02	64	83							77	74						
03	41	50							82	52						
04	65	81							80	66						
05	58	75							77	59						
TOTAL	302	70							429	61						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

GORDON ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	51	62							82	53						
02	22	42							52	50						
03	20	34							59	44						
04	17	40							43	45						
05	26	62							42	52						
TOTAL	136	49							278	49						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	58	71							82	60						
02	33	63							52	56						
03	25	42							59	48						
04	15	36							42	44						
05	19	45							42	46						
TOTAL	150	54							277	52						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	48	59							82	54						
02	29	56							52	52						
03	23	39							59	46						
04	20	48							42	50						
05	23	55							42	53						
TOTAL	143	52							277	51						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

GRADY HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	62	30							205	39						
10	62	39							161	44						
11	50	38							132	44						
TOTAL	174	35							498	42						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	46	22							205	35						
10	54	34							161	39						
11	50	38							132	43						
TOTAL	150	30							498	38						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	50	25							200	37						
10	58	36							161	41						
11	51	39							132	43						
TOTAL	159	32							493	40						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

GROVE PARK ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	27	32							85	42						
02	28	33							85	43						
03	14	61							23	55						
04	16	25							65	38						
05	13	18							71	33						
06	20	31							64	42						
07	23	32							73	37						
TOTAL	141	30							466	40						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	30	35							85	43						
02	34	40							84	48						
03	14	61							23	51						
04	12	18							65	35						
05	14	20							71	28						
06	21	33							64	39						
07	18	25							72	35						
TOTAL	143	31							464	39						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	22	26							85	42						
02	28	34							83	43						
03	16	70							23	57						
04	15	23							64	38						
05	12	17							71	32						
06	18	28							64	39						
07	25	35							72	38						
TOTAL	136	29							462	40						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

GUICE ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	20	35							57	46						
02	13	27							48	42						
03	9	23							39	40						
04	10	25							40	39						
05	15	38							40	41						
06	8	29							28	42						
07	11	26							42	38						
TOTAL	86	29							294	42						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	27	47							57	48						
02	29	60							48	54						
03	13	33							39	43						
04	11	28							39	38						
05	17	43							40	42						
06	12	43							28	43						
07	12	29							42	41						
TOTAL	121	41							293	45						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	19	33							57	45						
02	19	40							47	47						
03	11	28							40	42						
04	9	23							39	39						
05	13	33							40	41						
06	9	32							28	41						
07	12	29							42	38						
TOTAL	92	31							293	42						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

HARPER HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	36	13							272	30						
09	81	22							367	36						
10	69	23							304	36						
11	49	18							267	36						
TOTAL	235	19							1,210	35						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	42	15							275	32						
09	67	18							369	34						
10	64	21							304	35						
11	66	25							267	36						
TOTAL	239	20							1,215	34						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	33	12							275	29						
09	89	25							357	38						
10	67	22							304	36						
11	56	21							267	36						
TOTAL	245	20							1,203	35						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

HARRIS ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	14	26							54	43						
02	23	61							38	56						
03	6	17							36	42						
04	21	60							35	55						
05	16	52							31	48						
06	3	9							34	31						
07	3	9							35	31						
TOTAL	86	33							263	44						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	35	65							54	51						
02	28	74							38	61						
03	20	56							36	51						
04	20	57							35	53						
05	5	16							31	36						
06	5	15							34	31						
07	3	9							35	26						
TOTAL	116	44							263	45						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	13	24							54	44						
02	30	83							36	70						
03	9	25							36	45						
04	20	59							34	54						
05	9	29							31	43						
06	4	12							34	26						
07	4	11							35	27						
TOTAL	89	34							260	44						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

HARWELL ROAD ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	29	40							72	47						
02	26	30							88	39						
03	11	19							59	39						
04	18	38							48	43						
05	19	28							69	40						
06	16	39							41	44						
07	19	31							61	39						
TOTAL	138	32							438	41						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	32	44							72	48						
02	46	53							87	50						
03	13	22							59	38						
04	24	50							48	53						
05	29	42							69	49						
06	21	51							41	48						
07	22	36							61	42						
TOTAL	187	43							437	47						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	29	40							72	48						
02	36	42							86	44						
03	8	14							59	37						
04	22	46							48	47						
05	23	33							69	42						
06	15	37							41	44						
07	19	31							61	38						
TOTAL	152	35							436	43						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

HERNDON ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	18	23							77	40						
02	25	47							53	49						
03	19	51							37	46						
04	7	16							44	38						
05	5	16							31	38						
TOTAL	74	31							242	42						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	48	62							77	57						
02	29	57							51	56						
03	29	78							37	58						
04	15	34							44	44						
05	8	26							31	41						
TOTAL	129	54							240	52						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	29	38							77	44						
02	29	60							48	52						
03	20	54							37	52						
04	11	25							44	40						
05	7	23							31	37						
TOTAL	96	41							237	45						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

HILL ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	43	52							82	52						
02	29	55							53	53						
03	23	39							59	44						
04	16	34							47	44						
05	11	31							35	40						
TOTAL	122	44							276	48						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	49	60							82	55						
02	36	68							53	59						
03	27	46							59	46						
04	17	36							47	46						
05	10	29							34	41						
TOTAL	139	51							275	51						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	47	57							82	55						
02	32	60							53	55						
03	21	36							59	45						
04	18	38							47	45						
05	11	31							35	39						
TOTAL	129	47							276	49						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

HOME PARK ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	11	30							37	44						
02	9	33							27	44						
03	3	11							28	33						
04	7	32							22	44						
05	8	31							26	43						
TOTAL	38	27							140	41						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	26	70							37	56						
02	10	40							25	46						
03	10	36							28	41						
04	7	33							21	44						
05	11	42							26	47						
TOTAL	64	47							137	48						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	16	43							37	48						
02	9	38							24	49						
03	4	14							28	37						
04	8	38							21	44						
05	6	23							26	43						
TOTAL	43	32							136	44						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

HOPE J. ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	33	42							79	48						
02	21	32							65	44						
03	6	11							57	34						
04	25	43							58	46						
05	5	9							53	29						
TOTAL	90	29							312	41						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	42	53							79	49						
02	41	63							65	56						
03	12	21							57	36						
04	18	31							58	42						
05	14	26							53	41						
TOTAL	127	41							312	45						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	29	37							79	45						
02	30	48							63	48						
03	7	12							57	34						
04	16	28							58	41						
05	3	6							54	30						
TOTAL	85	27							311	40						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

HOWELL M. ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	56	66							85	60						
02	50	63							79	57						
03	12	21							58	37						
04	12	22							55	38						
05	12	16							73	35						
TOTAL	142	41							350	47						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	70	82							85	65						
02	62	78							79	66						
03	14	24							58	40						
04	15	28							54	38						
05	31	42							73	43						
TOTAL	192	55							349	52						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	74	87							85	70						
02	60	76							79	66						
03	10	17							58	37						
04	16	30							54	37						
05	18	25							73	37						
TOTAL	178	51							349	52						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

HUBERT ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	13	15							85	38						
02	46	73							63	58						
03	8	17							46	36						
04	19	31							62	38						
05	16	29							55	40						
TOTAL	102	33							311	42						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	41	48							85	48						
02	56	89							63	74						
03	10	22							46	34						
04	16	26							61	39						
05	20	36							55	41						
TOTAL	143	46							310	48						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	27	32							85	41						
02	61	98							62	75						
03	5	11							46	33						
04	11	18							61	38						
05	21	38							55	42						
TOTAL	125	40							309	46						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

HUMPHRIES ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	37	39							96	41						
02	42	61							69	56						
03	23	28							81	42						
04	29	34							85	43						
05	31	40							78	44						
TOTAL	162	40							409	45						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	46	48							96	45						
02	42	62							68	56						
03	41	51							81	48						
04	36	42							85	47						
05	36	46							78	50						
TOTAL	201	49							408	49						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	40	42							96	47						
02	41	60							68	55						
03	31	38							81	47						
04	37	44							85	47						
05	35	45							78	47						
TOTAL	184	45							408	48						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

HUTCHINSON ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	24	40							60	46						
02	35	80							44	67						
03	34	69							49	55						
04	15	38							40	45						
05	21	44							48	45						
06	19	49							39	48						
07	13	30							43	43						
TOTAL	161	50							323	50						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	39	65							60	59						
02	32	73							44	65						
03	34	69							49	59						
04	23	58							40	53						
05	29	60							48	54						
06	23	59							39	54						
07	14	33							43	44						
TOTAL	194	60							323	56						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	41	68							60	55						
02	32	73							44	68						
03	36	73							49	58						
04	25	63							40	52						
05	30	63							48	53						
06	19	49							39	48						
07	11	26							42	42						
TOTAL	194	60							322	54						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

INMAN MIDDLE SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	111	61							182	55						
07	88	48							185	50						
08	79	45							174	45						
TOTAL	278	51							541	50						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	111	61							182	56						
07	84	46							181	51						
08	68	39							174	44						
TOTAL	263	49							537	50						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	105	58							182	55						
07	91	50							181	51						
08	82	47							174	46						
TOTAL	278	52							537	51						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

JACKSON ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	40	89							45	74						
02	31	91							34	76						
03	35	88							40	71						
04	38	79							48	64						
05	35	78							45	65						
TOTAL	179	84							212	70						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	40	89							45	77						
02	30	88							34	72						
03	34	85							40	69						
04	39	81							48	66						
05	42	93							45	73						
TOTAL	185	87							212	71						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	44	98							45	81						
02	31	91							34	79						
03	36	90							40	72						
04	40	83							48	69						
05	38	84							45	67						
TOTAL	189	89							212	73						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

JONES M.A. ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	24	31							77	39						
02	46	67							69	56						
03	18	30							61	41						
04	16	31							52	45						
05	25	56							45	46						
06	19	41							46	47						
07	12	26							46	39						
TOTAL	160	40							396	45						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	28	36							77	41						
02	58	84							69	74						
03	23	38							61	40						
04	23	44							52	49						
05	25	56							45	51						
06	21	46							46	48						
07	14	30							46	42						
TOTAL	192	48							396	50						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	25	32							77	38						
02	50	72							69	67						
03	24	39							61	43						
04	21	40							52	48						
05	20	44							45	47						
06	19	41							46	47						
07	17	37							46	47						
TOTAL	176	44							396	48						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

KENNEDY MIDDLE SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	60	36							168	41						
07	49	21							237	36						
08	39	23							169	35						
TOTAL	148	26							574	37						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	48	28							169	37						
07	82	34							240	40						
08	58	34							169	39						
TOTAL	188	33							578	39						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	47	28							169	35						
07	56	24							231	36						
08	37	22							169	33						
TOTAL	140	25							569	35						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

KIMBERLY ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	32	36							90	45						
02	43	47							91	50						
03	58	57							102	53						
04	47	55							86	52						
05	44	50							88	51						
TOTAL	224	49							457	50						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	56	62							90	55						
02	65	72							90	65						
03	60	59							101	53						
04	49	57							86	55						
05	46	51							91	50						
TOTAL	276	60							458	55						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	37	41							90	48						
02	68	80							85	70						
03	59	58							102	54						
04	57	66							86	53						
05	48	53							91	51						
TOTAL	269	59							454	55						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

KING MIDDLE SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	45	23							195	35						
07	74	28							265	38						
08	73	27							269	38						
TOTAL	192	26							729	37						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	61	31							195	40						
07	76	29							266	36						
08	67	25							268	35						
TOTAL	204	28							729	37						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	39	20							195	33						
07	71	27							259	35						
08	59	22							269	33						
TOTAL	169	23							723	34						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

KIRKWOOD ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	18	21							85	36						
02	33	56							59	57						
03	26	44							59	45						
04	25	63							40	55						
05	17	33							51	44						
TOTAL	119	40							294	46						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	26	31							85	40						
02	38	64							59	65						
03	21	36							59	41						
04	17	43							40	47						
05	18	35							51	45						
TOTAL	120	41							294	47						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	15	18							85	35						
02	31	53							58	63						
03	25	42							59	45						
04	25	63							40	54						
05	17	33							52	44						
TOTAL	113	38							294	47						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

LAKEWOOD ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	4	7							57	30						
02	15	38							39	43						
03	13	30							43	43						
04	8	26							31	41						
05	28	64							44	57						
06	7	28							25	38						
07	9	26							34	38						
TOTAL	84	31							273	41						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	10	18							57	36						
02	18	47							38	51						
03	10	23							43	43						
04	12	40							30	49						
05	18	41							44	43						
06	10	40							25	45						
07	12	34							35	44						
TOTAL	90	33							272	44						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	3	5							57	29						
02	16	42							38	48						
03	9	21							43	43						
04	14	47							30	46						
05	23	52							44	52						
06	5	20							25	38						
07	9	26							34	37						
TOTAL	79	29							271	41						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

LIN ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	19	34							56	48						
02	21	49							43	54						
03	26	52							50	52						
04	17	55							31	57						
05	23	58							40	55						
TOTAL	106	48							220	52						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	29	52							56	50						
02	29	67							43	62						
03	22	44							50	52						
04	20	65							31	58						
05	19	48							40	49						
TOTAL	119	54							220	54						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	22	39							56	48						
02	21	50							42	56						
03	26	52							50	51						
04	19	61							31	60						
05	19	48							40	53						
TOTAL	107	49							219	53						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

LONG MIDDLE SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	62	31							201	41						
07	75	31							244	40						
08	107	42							255	44						
TOTAL	244	35							700	42						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	68	34							200	42						
07	80	33							242	39						
08	71	28							257	39						
TOTAL	219	31							699	40						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	47	23							201	38						
07	63	27							233	38						
08	64	25							257	39						
TOTAL	174	25							691	38						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

MAYS, BENJAMIN E. HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	176	51							346	51						
10	193	55							353	53						
11	191	52							370	51						
TOTAL	560	52							1,069	51						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	157	45							346	47						
10	182	52							353	50						
11	188	51							370	50						
TOTAL	527	49							1,069	49						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	171	49							346	50						
10	186	53							353	52						
11	192	52							370	51						
TOTAL	549	51							1,069	51						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

MCGILL ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	17	23							74	41						
02	14	26							53	43						
03	6	13							45	37						
04	14	27							52	41						
05	8	21							38	33						
TOTAL	59	23							262	39						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	47	64							74	54						
02	36	67							54	56						
03	14	31							45	39						
04	22	42							52	44						
05	12	32							38	39						
TOTAL	131	50							263	48						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	34	46							74	47						
02	17	33							52	43						
03	7	16							45	38						
04	14	27							52	39						
05	4	11							38	32						
TOTAL	76	29							261	41						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

MILES ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	16	29							56	40						
02	28	58							48	52						
03	26	53							49	50						
04	19	44							43	47						
05	28	52							54	48						
06	49	83							59	58						
07	36	48							75	48						
TOTAL	202	53							384	49						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	21	38							56	45						
02	35	74							47	65						
03	13	27							49	38						
04	23	53							43	54						
05	22	41							54	46						
06	34	58							59	51						
07	43	57							76	50						
TOTAL	191	50							384	50						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	17	30							56	43						
02	32	68							47	61						
03	26	53							49	51						
04	26	60							43	55						
05	27	50							54	50						
06	48	81							59	57						
07	42	56							75	49						
TOTAL	218	57							383	52						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

MITCHELL ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	17	27							62	36						
02	20	51							39	53						
03	20	51							39	48						
04	21	57							37	51						
05	18	50							36	46						
TOTAL	96	45							213	45						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	34	55							62	53						
02	30	77							39	62						
03	16	41							39	46						
04	23	62							37	54						
05	20	57							35	53						
TOTAL	123	58							212	54						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	19	31							62	43						
02	30	77							39	60						
03	19	49							39	47						
04	22	59							37	53						
05	18	50							36	49						
TOTAL	108	51							213	49						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

MORNINGSIDE ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	36	49							74	51						
02	53	82							65	68						
03	55	72							76	60						
04	50	71							70	60						
05	49	73							67	60						
TOTAL	243	69							352	60						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	55	74							74	65						
02	58	89							65	72						
03	52	68							76	57						
04	49	70							70	61						
05	50	75							67	64						
TOTAL	264	75							352	64						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	41	55							74	57						
02	52	80							65	71						
03	53	70							76	61						
04	52	74							70	63						
05	50	75							67	62						
TOTAL	248	70							352	63						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

MURPHY HIGH SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
09	18	14							133	27						
10	15	13							120	32						
11	8	9							91	30						
TOTAL	41	12							344	29						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
09	13	10							134	25						
10	12	10							120	30						
11	17	19							91	31						
TOTAL	42	12							345	29						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
09	13	10							131	26						
10	12	10							120	32						
11	10	11							91	28						
TOTAL	35	10							342	29						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

NORTH FULTON HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	144	65							221	59						
10	134	72							185	62						
11	124	74							168	63						
TOTAL	402	70							574	61						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	135	61							221	56						
10	123	66							185	57						
11	130	77							168	60						
TOTAL	388	68							574	57						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	143	65							221	58						
10	134	72							185	60						
11	127	76							168	60						
TOTAL	404	70							574	59						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

NORTHSIDE HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	198	58							339	54						
10	182	61							298	54						
11	165	63							263	56						
TOTAL	545	61							900	55						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	151	45							339	48						
10	162	54							298	50						
11	146	56							263	51						
TOTAL	459	51							900	50						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	183	54							339	53						
10	172	58							298	52						
11	159	60							263	54						
TOTAL	514	57							900	53						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

OGLETHORPE ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	57	66							87	58						
02	47	76							62	64						
03	48	87							55	68						
04	26	43							61	49						
05	22	51							43	51						
TOTAL	200	65							308	58						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	69	79							87	65						
02	54	87							62	69						
03	41	75							55	66						
04	42	69							61	54						
05	42	98							43	83						
TOTAL	248	81							308	66						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	71	82							87	64						
02	51	82							62	69						
03	48	87							55	72						
04	37	61							61	53						
05	27	63							43	57						
TOTAL	234	76							308	63						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

PARKS MIDDLE SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	24	19							124	36						
07	26	18							145	34						
08	24	21							117	37						
TOTAL	74	19							386	36						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	27	22							124	37						
07	15	10							144	28						
08	14	12							117	30						
TOTAL	56	15							385	31						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	18	15							124	33						
07	18	13							141	29						
08	14	12							118	29						
TOTAL	50	13							383	30						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

PERKERSON ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	28	47							59	44						
02	19	38							50	42						
03	11	32							34	43						
04	16	37							43	44						
05	24	62							39	55						
06	7	21							34	37						
07	8	23							35	37						
TOTAL	113	38							294	43						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	36	61							59	52						
02	37	76							49	64						
03	12	35							34	44						
04	18	42							43	45						
05	29	74							39	57						
06	7	21							34	36						
07	4	12							34	35						
TOTAL	143	49							292	49						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	33	56							59	51						
02	30	61							49	57						
03	10	29							34	41						
04	15	35							43	42						
05	25	64							39	57						
06	6	18							34	33						
07	3	9							34	35						
TOTAL	122	42							292	46						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

PETERSON ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	24	44							55	45						
02	10	23							44	41						
03	17	33							52	42						
04	8	18							45	37						
05	11	22							51	39						
06	27	51							53	48						
07	10	18							55	39						
TOTAL	107	30							355	42						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	21	38							55	44						
02	23	52							44	49						
03	23	44							52	48						
04	16	36							45	47						
05	18	35							51	43						
06	19	36							53	41						
07	13	24							55	39						
TOTAL	133	37							355	44						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	21	38							55	44						
02	11	25							44	41						
03	21	40							52	45						
04	18	40							45	43						
05	20	39							51	46						
06	17	32							53	44						
07	13	24							55	39						
TOTAL	121	34							355	43						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

PEYTON FOREST ELEMENTARY

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	51	70							73	59						
02	48	72							67	59						
03	33	59							56	52						
04	33	51							65	51						
05	34	50							68	49						
TOTAL	199	60							329	54						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	58	79							73	70						
02	53	79							67	64						
03	43	77							56	61						
04	35	54							65	55						
05	50	74							68	59						
TOTAL	239	73							329	62						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	54	74							73	68						
02	59	88							67	70						
03	39	70							56	58						
04	41	64							64	57						
05	40	59							68	52						
TOTAL	233	71							328	61						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

PITTS ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	33	24							140	41						
02	18	16							110	33						
03	15	18							84	35						
04	24	27							88	40						
05	14	16							85	34						
06	29	81							36	60						
07	18	21							84	34						
TOTAL	151	24							627	38						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	44	31							140	38						
02	55	50							109	52						
03	21	25							84	39						
04	28	31							89	42						
05	25	29							85	38						
06	17	47							36	44						
07	18	21							84	35						
TOTAL	208	33							627	41						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	25	18							140	35						
02	31	31							101	42						
03	12	14							84	35						
04	23	26							88	41						
05	21	25							85	35						
06	27	75							36	54						
07	22	27							83	35						
TOTAL	161	26							617	38						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

PRICE HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	1	2							45	14						
09	8	6							135	26						
10	7	7							105	24						
11	10	13							76	31						
TOTAL	26	7							361	25						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	1	2							45	15						
09	3	2							135	21						
10	8	8							105	22						
11	3	4							76	27						
TOTAL	15	4							361	22						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	1	2							45	12						
09	4	3							129	25						
10	7	7							105	23						
11	6	8							76	29						
TOTAL	18	5							355	23						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

RAGSDALE ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	1986 %	1987 N	1987 %	1988 N	1988 %	1989 N	1989 %	MEAN NORMAL CURVE EQUIVALENT 1986 N	1986 NCE	1987 N	1987 NCE	1988 N	1988 NCE	1989 N	1989 NCE
01	39	53							73	54						
02	27	46							59	49						
03	15	26							57	45						
04	8	17							48	34						
05	7	13							52	37						
06	21	55							38	49						
07	24	52							46	48						
TOTAL	141	38							373	46						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	1986 %	1987 N	1987 %	1988 N	1988 %	1989 N	1989 %	MEAN NORMAL CURVE EQUIVALENT 1986 N	1986 NCE	1987 N	1987 NCE	1988 N	1988 NCE	1989 N	1989 NCE
01	57	78							73	65						
02	46	78							59	66						
03	21	37							57	44						
04	9	19							48	35						
05	12	23							52	39						
06	25	66							38	54						
07	27	60							45	53						
TOTAL	197	53							372	52						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	1986 %	1987 N	1987 %	1988 N	1988 %	1989 N	1989 %	MEAN NORMAL CURVE EQUIVALENT 1986 N	1986 NCE	1987 N	1987 NCE	1988 N	1988 NCE	1989 N	1989 NCE
01	50	68							73	57						
02	35	59							59	55						
03	17	30							57	44						
04	9	19							48	36						
05	6	12							52	38						
06	18	47							38	49						
07	22	50							44	46						
TOTAL	157	42							371	47						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

RICH'S ACADEMY B

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
10									1	15						
TOTAL									1	15						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
10									1	20						
TOTAL									1	20						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
10									1	1						
TOTAL									1	1						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

RIVERS ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	42	62							68	55						
02	43	77							56	63						
03	38	59							64	57						
04	28	54							52	57						
05	36	71							51	63						
TOTAL	187	64							291	59						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	51	75							68	64						
02	42	75							56	69						
03	42	67							63	57						
04	35	67							52	59						
05	38	75							51	67						
TOTAL	208	72							290	63						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	49	72							68	62						
02	44	81							54	70						
03	40	63							64	59						
04	36	69							52	61						
05	39	76							51	67						
TOTAL	208	72							289	63						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

RUSK ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	53	65							82	58						
02	31	44							70	49						
03	15	18							82	38						
04	33	58							57	48						
05	17	31							55	44						
06	26	58							45	53						
07	19	40							47	46						
TOTAL	194	44							438	48						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	64	78							82	73						
02	63	93							68	72						
03	25	30							82	40						
04	30	53							57	49						
05	31	56							55	51						
06	17	38							45	44						
07	8	17							47	36						
TOTAL	238	55							436	54						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	60	73							82	69						
02	48	72							67	63						
03	16	20							82	38						
04	30	53							57	48						
05	22	40							55	46						
06	27	60							45	53						
07	21	45							47	46						
TOTAL	224	51							435	52						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

ST LUKES

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
11									4	15						
TOTAL									4	15						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
11									4	17						
TOTAL									4	17						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
11									4	6						
TOTAL									4	6						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

SCOTT ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	13	25							51	43						
02	8	15							53	35						
03	13	25							52	39						
04	13	34							38	42						
05	28	64							44	51						
06	18	78							23	60						
07	4	17							24	38						
TOTAL	97	34							285	43						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	36	71							51	56						
02	25	48							52	50						
03	9	17							52	34						
04	13	35							37	43						
05	28	64							44	49						
06	8	35							23	44						
07	7	28							25	39						
TOTAL	126	44							284	46						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	23	45							51	49						
02	21	41							51	48						
03	9	17							52	37						
04	13	35							37	42						
05	27	61							44	52						
06	11	48							23	49						
07	15	63							24	54						
TOTAL	119	42							282	47						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

SLATER ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	39	33							117	44						
02	19	20							94	36						
03	15	19							78	33						
04	34	38							90	42						
05	19	28							67	41						
06	11	19							57	40						
07	14	19							75	36						
TOTAL	151	26							578	39						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	49	42							117	44						
02	17	19							91	37						
03	19	24							78	35						
04	26	29							89	42						
05	20	30							67	43						
06	22	39							57	41						
07	13	18							73	30						
TOTAL	166	29							572	39						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	40	34							117	42						
02	9	10							90	34						
03	14	18							78	31						
04	19	21							89	40						
05	13	19							67	41						
06	15	26							57	39						
07	12	16							73	31						
TOTAL	122	21							571	37						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

SLATON ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	31	32							97	43						
02	21	31							67	43						
03	29	41							70	47						
04	10	20							50	39						
05	14	31							45	39						
TOTAL	105	32							329	43						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	46	47							97	46						
02	39	59							66	53						
03	27	39							70	42						
04	25	50							50	47						
05	19	42							45	46						
TOTAL	156	48							328	47						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	40	41							97	45						
02	24	36							66	44						
03	28	40							70	44						
04	14	28							50	42						
05	13	29							45	39						
TOTAL	119	36							328	43						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

SMITH ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	61	85							72	69						
02	40	82							49	73						
03	45	78							58	63						
04	62	91							68	68						
05	60	86							70	65						
TOTAL	268	85							317	67						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	67	93							72	79						
02	44	90							49	79						
03	47	81							58	66						
04	64	94							68	76						
05	60	86							70	70						
TOTAL	282	89							317	74						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	67	93							72	79						
02	44	90							49	77						
03	52	90							58	67						
04	65	96							68	79						
05	65	93							70	72						
TOTAL	293	92							317	75						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

SOUTHSIDE COMPREHENSIVE HIGH

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	91	20							446	35						
10	71	25							283	39						
11	55	23							238	36						
TOTAL	217	22							967	36						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	90	20							446	34						
10	70	25							283	38						
11	56	24							238	35						
TOTAL	216	22							967	36						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
09	93	21							438	35						
10	61	22							283	38						
11	53	22							238	35						
TOTAL	207	22							959	36						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

SOUTHWEST MIDDLE SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	132	54							246	52						
07	150	50							300	50						
08	142	40							357	42						
TOTAL	424	47							903	47						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	178	72							246	55						
07	162	54							300	50						
08	129	36							357	42						
TOTAL	469	52							903	49						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	148	60							246	54						
07	176	59							297	51						
08	134	38							357	44						
TOTAL	458	51							900	49						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

STANTON, D. ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	29	23							125	40						
02	35	32							108	43						
03	25	22							116	39						
04	16	18							90	36						
05	11	11							98	35						
06	32	65							49	53						
07	18	26							69	36						
TOTAL	166	25							655	40						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	53	42							125	45						
02	77	73							105	61						
03	50	43							116	46						
04	29	32							90	41						
05	31	32							98	40						
06	30	61							49	53						
07	11	17							65	30						
TOTAL	281	43							648	46						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	37	30							125	41						
02	49	49							100	53						
03	27	23							116	41						
04	21	23							90	36						
05	11	11							98	34						
06	31	63							49	52						
07	17	26							65	32						
TOTAL	193	30							643	41						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

STANTON F. ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	28	47							59	48						
02	23	49							47	47						
03	11	28							39	38						
04	8	20							41	37						
05	10	26							39	41						
06	12	31							39	41						
07	13	30							43	38						
TOTAL	105	34							307	42						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	34	58							59	55						
02	28	60							47	55						
03	8	21							39	34						
04	8	20							41	33						
05	16	41							39	45						
06	18	46							39	46						
07	14	33							43	38						
TOTAL	126	41							307	45						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	36	61							59	54						
02	28	62							45	55						
03	9	23							39	36						
04	9	22							41	32						
05	15	38							39	42						
06	13	33							39	43						
07	11	26							43	36						
TOTAL	121	40							305	43						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

SUTTON MIDDLE SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	188	65							290	56						
07	182	59							310	55						
08	174	56							311	52						
TOTAL	544	60							911	54						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	197	68							290	58						
07	187	61							308	56						
08	167	54							311	50						
TOTAL	551	61							909	55						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	183	63							290	57						
07	208	68							305	58						
08	169	54							311	52						
TOTAL	560	62							906	55						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

SYLVAN HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	11	13							85	26						
09	34	22							155	36						
10	31	29							106	36						
11	17	16							106	33						
TOTAL	93	21							452	33						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	12	14							86	31						
09	17	11							156	30						
10	18	17							106	30						
11	12	11							106	31						
TOTAL	59	13							454	31						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	12	14							88	25						
09	24	16							146	34						
10	18	17							106	32						
11	13	12							106	30						
TOTAL	67	15							446	31						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

SYLVAN HILLS ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	25	50							50	50						
02	16	33							48	43						
03	11	25							44	41						
04	16	36							44	44						
05	20	45							44	45						
06	8	24							33	39						
07	13	41							32	44						
TOTAL	109	37							295	44						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	23	46							50	49						
02	27	56							48	55						
03	14	32							44	41						
04	11	25							44	41						
05	14	32							44	41						
06	12	36							33	34						
07	13	41							32	48						
TOTAL	114	39							295	45						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	24	48							50	49						
02	13	27							48	43						
03	8	18							44	41						
04	15	36							42	43						
05	11	25							44	42						
06	7	21							33	35						
07	14	44							32	45						
TOTAL	92	31							293	43						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

THERRELL HIGH SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
08	19	19							102	30						
09	116	29							401	38						
10	78	25							316	38						
11	86	31							279	42						
TOTAL	299	27							1,098	38						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
08	12	11							108	27						
09	83	21							400	35						
10	57	18							316	35						
11	92	33							279	39						
TOTAL	244	22							1,103	35						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
08	15	14							109	27						
09	106	27							391	39						
10	77	24							316	38						
11	84	30							279	41						
TOTAL	282	26							1,095	38						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

THOMASVILLE HEIGHTS ELEMENTARY

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	22	18							125	36						
02	27	26							102	40						
03	30	34							88	42						
04	28	42							67	43						
05	13	18							72	39						
06	17	52							33	45						
07	21	25							83	36						
TOTAL	158	28							570	39						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	53	42							125	46						
02	54	53							102	57						
03	34	39							87	41						
04	27	42							65	47						
05	15	21							72	36						
06	21	64							33	50						
07	18	22							83	33						
TOTAL	222	39							567	44						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	31	25							125	40						
02	53	54							99	52						
03	22	25							88	39						
04	32	50							64	48						
05	11	15							72	38						
06	12	36							33	44						
07	17	20							83	32						
TOTAL	178	32							564	42						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

TOOMER ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	13	16							82	38						
02	20	29							70	41						
03	5	13							38	40						
04	9	15							59	35						
05	4	9							47	28						
TOTAL	51	17							296	37						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	32	39							82	43						
02	43	62							69	57						
03	14	37							38	43						
04	15	25							59	39						
05	7	15							47	31						
TOTAL	111	38							295	44						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	13	16							82	36						
02	37	54							69	53						
03	11	29							38	44						
04	9	15							59	35						
05	3	6							47	27						
TOTAL	73	25							295	39						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

TOWNS ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	43	67							64	57						
02	40	63							63	58						
03	23	43							53	45						
04	14	32							44	40						
05	16	29							55	43						
06	15	45							33	47						
07	13	28							47	36						
TOTAL	164	46							359	47						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	54	84							64	72						
02	47	75							63	66						
03	11	21							53	40						
04	19	43							44	45						
05	25	45							55	47						
06	21	64							33	51						
07	6	14							44	30						
TOTAL	183	51							356	52						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	51	80							64	67						
02	41	68							60	62						
03	20	38							53	47						
04	18	42							43	42						
05	18	33							55	43						
06	13	39							33	47						
07	12	27							44	32						
TOTAL	173	49							352	50						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

TURNER HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	20	22							90	37						
09	46	29							157	39						
10	33	30							111	42						
11	15	18							82	39						
TOTAL	114	26							440	39						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	19	21							89	36						
09	24	15							157	34						
10	27	24							111	38						
11	15	18							82	36						
TOTAL	85	19							439	36						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	16	18							90	32						
09	32	20							157	37						
10	29	26							111	40						
11	16	20							82	36						
TOTAL	93	21							440	36						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

VENETIAN HILLS ELEMENTARY

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	38	33							114	43						
02	50	60							84	54						
03	31	36							85	43						
04	17	25							69	40						
05	35	45							78	47						
06	27	42							64	45						
07	30	36							84	43						
TOTAL	228	39							578	45						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	70	61							114	55						
02	74	90							82	70						
03	34	40							85	45						
04	28	41							69	42						
05	31	40							78	43						
06	33	52							64	48						
07	21	25							84	39						
TOTAL	291	51							576	49						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	61	54							114	49						
02	70	85							82	72						
03	30	35							85	45						
04	26	38							69	41						
05	22	28							78	45						
06	27	42							64	45						
07	28	33							84	41						
TOTAL	264	46							576	49						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

WALDEN MIDDLE SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	11	15							72	33						
07	16	22							73	38						
08	11	12							93	29						
TOTAL	38	16							238	33						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	13	18							72	34						
07	11	15							72	35						
08	11	12							93	26						
TOTAL	35	15							237	31						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
06	11	15							72	30						
07	13	18							72	34						
08	10	11							93	26						
TOTAL	34	14							237	30						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

WASHINGTON HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	11	14							77	31						
09	49	17							292	32						
10	30	10							299	27						
11	30	12							250	30						
TOTAL	120	13							918	30						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	9	12							75	24						
09	35	12							291	30						
10	34	11							299	27						
11	31	12							250	29						
TOTAL	109	12							915	28						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	6	8							78	22						
09	44	16							278	34						
10	23	8							299	27						
11	25	10							250	28						
TOTAL	98	11							905	29						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

WATERS ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	40	34							117	44						
02	37	52							71	51						
03	20	26							78	41						
04	9	13							68	35						
05	10	14							71	36						
06	8	19							42	35						
07	8	10							79	30						
TOTAL	132	25							526	39						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	40	34							117	42						
02	42	61							69	58						
03	23	30							77	39						
04	23	34							68	44						
05	18	25							71	41						
06	12	29							42	41						
07	13	16							79	31						
TOTAL	171	33							523	42						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	40	34							117	42						
02	40	60							67	55						
03	24	31							78	43						
04	16	24							66	39						
05	9	13							71	37						
06	7	17							42	34						
07	11	14							79	30						
TOTAL	147	28							520	40						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

WEST ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	11	23							48	41						
02	14	33							42	45						
03	11	31							35	46						
04	20	45							44	51						
05	18	50							36	52						
06	5	17							30	37						
07	16	64							25	54						
TOTAL	95	37							260	46						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	33	69							48	57						
02	17	40							42	49						
03	21	60							35	48						
04	26	59							44	56						
05	25	69							36	52						
06	13	43							30	44						
07	14	56							25	53						
TOTAL	149	57							260	52						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	20	42							48	49						
02	14	33							42	44						
03	16	46							35	46						
04	24	55							44	53						
05	22	61							36	53						
06	5	17							30	40						
07	14	56							25	51						
TOTAL	115	44							260	48						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

WEST ATLANTA ELEMENTARY

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	40	75							53	65						
02	25	63							40	54						
03	30	59							51	50						
04	19	63							30	48						
05	16	59							27	48						
06	7	50							14	50						
07	15	42							36	43						
TOTAL	152	61							251	52						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	40	75							53	66						
02	28	72							39	57						
03	26	51							51	47						
04	13	43							30	41						
05	16	62							26	56						
06	13	93							14	62						
07	11	31							36	36						
TOTAL	147	59							249	52						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	42	79							53	66						
02	28	74							38	57						
03	27	53							51	49						
04	21	70							30	52						
05	16	59							27	51						
06	13	93							14	59						
07	11	31							36	39						
TOTAL	158	63							249	54						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

WEST FULTON HIGH SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	10	8							120	30						
09	25	13							191	31						
10	14	10							146	30						
11	17	13							130	31						
TOTAL	66	11							587	30						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	4	3							119	24						
09	17	9							190	27						
10	11	8							146	26						
11	11	8							130	28						
TOTAL	43	7							585	26						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
08	6	5							120	25						
09	19	10							186	30						
10	13	9							146	29						
11	10	8							130	28						
TOTAL	48	8							582	28						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

WEST MANOR ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	16	38							42	44						
02	20	45							44	51						
03	19	46							41	47						
04	14	44							32	47						
05	34	68							50	54						
TOTAL	103	49							209	49						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	22	52							42	53						
02	26	59							44	61						
03	23	56							41	52						
04	20	63							32	53						
05	32	64							50	56						
TOTAL	123	59							209	55						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM 1986 N	%	1987 N	%	1988 N	%	1989 N	%	MEAN NORMAL CURVE EQUIVALENT 1986 N	NCE	1987 N	NCE	1988 N	NCE	1989 N	NCE
01	17	40							42	46						
02	26	59							44	61						
03	18	44							41	50						
04	15	47							32	50						
05	39	78							50	56						
TOTAL	115	55							209	53						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

WHITE ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	13	31							42	44						
02	16	41							39	48						
03	13	25							52	42						
04	19	40							47	44						
05	7	19							36	41						
06	12	35							34	42						
07	5	20							25	34						
TOTAL	85	31							275	43						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	20	48							42	50						
02	22	58							38	56						
03	20	38							52	46						
04	24	51							47	50						
05	9	25							36	41						
06	11	32							34	43						
07	6	24							25	39						
TOTAL	112	41							274	47						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	13	31							42	45						
02	22	58							38	51						
03	18	35							52	45						
04	20	43							47	48						
05	10	28							36	42						
06	7	21							34	39						
07	5	20							25	36						
TOTAL	95	35							274	44						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

WHITEFOORD ELEMENTARY SCHOOL

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	26	22							116	43						
02	29	32							92	43						
03	18	18							101	39						
04	11	16							69	36						
05	21	29							72	41						
TOTAL	105	23							450	40						

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	77	68							116	58						
02	51	57							89	59						
03	35	34							102	40						
04	11	16							69	34						
05	12	17							72	35						
TOTAL	186	42							448	47						

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	42	36							116	49						
02	49	56							88	51						
03	25	25							102	39						
04	8	12							69	34						
05	14	19							72	40						
TOTAL	138	31							447	43						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

WILLIAMS ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	35	34							102	43						
02	46	73							63	63						
03	7	9							80	32						
04	15	28							54	44						
05	12	24							49	43						
06	23	35							66	42						
07	26	57							46	54						
TOTAL	164	36							460	45						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	88	86							102	70						
02	51	82							62	68						
03	12	15							80	33						
04	20	38							52	45						
05	24	49							49	48						
06	29	44							66	47						
07	22	48							46	49						
TOTAL	246	54							457	53						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	66	65							102	59						
02	51	85							60	69						
03	6	8							80	28						
04	23	44							52	49						
05	18	37							49	45						
06	28	42							66	47						
07	23	50							46	49						
TOTAL	215	47							455	49						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

WOODSON ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	33	36							91	43						
02	17	23							75	42						
03	17	24							71	37						
04	13	18							71	36						
05	10	15							68	34						
06	27	50							54	45						
07	16	20							82	34						
TOTAL	133	26							512	39						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	43	47							91	44						
02	55	73							75	60						
03	16	23							71	35						
04	17	24							72	40						
05	29	43							68	44						
06	29	54							54	44						
07	11	13							82	33						
TOTAL	200	39							513	43						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	32	35							91	43						
02	36	48							75	50						
03	15	21							71	34						
04	18	25							71	38						
05	15	22							68	38						
06	28	52							54	42						
07	19	23							82	35						
TOTAL	163	32							512	40						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

WRIGHT ELEMENTARY SCHOOL

READING

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	10	24							42	39						
02	15	42							36	47						
03	8	27							30	46						
04	22	61							36	51						
05	16	70							23	55						
06	15	83							18	62						
07	20	87							23	65						
TOTAL	106	51							208	50						

MATHEMATICS

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	14	33							42	41						
02	19	53							36	51						
03	12	40							30	49						
04	18	51							35	47						
05	19	83							23	63						
06	9	53							17	54						
07	15	65							23	58						
TOTAL	106	51							206	50						

COMPOSITE

GRADE	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	13	31							42	43						
02	20	63							32	53						
03	13	43							30	48						
04	22	65							34	54						
05	20	87							23	64						
06	14	78							18	60						
07	18	78							23	63						
TOTAL	120	59							202	54						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

ATLANTA PUBLIC SCHOOL SYSTEM

READING

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	2,520	40							6,360	46						
02	2,466	47							5,225	50						
03	1,895	38							4,967	45						
04	1,783	40							4,508	45						
05	1,744	39							4,458	45						
06	1,527	42							3,651	45						
07	1,525	34							4,438	42						
08	1,063	27							4,005	36						
09	1,579	29							5,391	39						
10	1,327	31							4,263	40						
11	1,122	30							3,735	41						
TOTALS																
1-5	10,408	41							25,518	46						
1-6	11,935	41							29,169	46						
1-7	13,460	40							33,607	46						
6-8	4,115	34							12,094	41						
8-11	5,091	29							17,394	39						
9-11	4,028	30							13,389	40						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

ATLANTA PUBLIC SCHOOL SYSTEM

MATHEMATICS

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	3,685	58							6,360	54						
02	3,524	68							5,176	61						
03	2,170	44							4,965	46						
04	2,056	46							4,488	48						
05	2,067	46							4,458	48						
06	1,730	47							3,652	47						
07	1,477	33							4,417	41						
08	945	24							4,012	34						
09	1,269	24							5,389	36						
10	1,197	28							4,263	38						
11	1,158	31							3,735	39						
TOTALS																
1-5	13,502	53							25,447	52						
1-6	15,232	52							29,099	51						
1-7	16,709	50							33,516	50						
6-8	4,152	34							12,081	40						
8-11	4,569	26							17,399	37						
9-11	3,624	27							13,387	38						

IOWA TESTS OF BASIC SKILLS/
TESTS OF ACHIEVEMENT AND PROFICIENCY
APRIL 1986

ATLANTA PUBLIC SCHOOL SYSTEM

COMPOSITE

	PERCENT AT OR ABOVE NATIONAL NORM								MEAN NORMAL CURVE EQUIVALENT							
	1986		1987		1988		1989		1986		1987		1988		1989	
GRADE	N	%	N	%	N	%	N	%	N	NCE	N	NCE	N	NCE	N	NCE
01	2,969	47							6,360	50						
02	3,106	61							5,090	57						
03	1,970	40							4,973	46						
04	1,997	45							4,469	48						
05	1,840	41							4,463	46						
06	1,457	40							3,654	45						
07	1,587	36							4,371	41						
08	938	23							4,028	34						
09	1,450	28							5,271	39						
10	1,248	29							4,263	39						
11	1,102	30							3,735	39						
TOTALS																
1-5	11,882	47							25,355	49						
1-6	13,339	46							29,009	49						
1-7	14,926	45							33,380	48						
6-8	3,982	33							12,053	40						
8-11	4,738	27							17,297	38						
9-11	3,800	29							13,269	39						